

### ABSTRACT OF THE DISCLOSURE

The support device is adapted to be secured to the front face of the injector, and to position an angiographic syringe having a body that presents an outwardly-directed projection, the cross-section of the body at the location of said projection being non-circular. The device which is extended forwards by a cradle for supporting the syringe body, includes an upwardly-open recess that presents firstly a non-circular cross-section that is complementary to a portion of the cross-section of the syringe body at the location of said projection, and secondly an abutment front face for said projection. The recess includes a central portion of circularly-arcuate cross-section, which portion is extended by two diametrically-opposite notches.